USEFUL CONVERSION EQUATIONS

	General	Approximate
LEAKAGE AREA	$ELA = \kappa \cdot P_r^{n-1/2} \cdot \sqrt{\frac{\rho}{2}}$	$ELA[m^2] = \frac{Q_{50}}{14}$ $ELA[ft^2] = \frac{CFM_{50}}{2700}$
NORMALIZED LEAKAGE	$NL = 1000 \frac{ELA}{A_{floor}} \left(\frac{H}{2.5m}\right)^{0.3}$	$NL = \frac{ACH_{50}}{20}$
SPECIFIC LEAKAGE AREA	$SLA = 10,000 \frac{ELA}{A_{floor}}$	$SLA = \frac{ACH_{50}}{2}$
SPECIFIC INFILTRATION [hourly]	$Q[h] = ELA \cdot s[h]$	$w = \frac{N}{\sum_{h=1}^{N} 1/(s[h])}$
STANDARDS (119, 62&136)	$2000 \geq IDD \cdot NL$	$w \cdot NL \geq 0.24$
EFFECTIVE INFILTRATION (Seasonal)	Sherman/Wilson Model	$ACH = 1.44 \cdot w \cdot NL$